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(c) an alkyl-amine.

23. An agricultural spray oil as claimed in Claim 22, wherein the sulphonate is an overbased sulphonate and the phenate is an overbased phenate.

24. An agricultural spray oil as claimed in Claim 23, wherein the overbased sulphonate is a calcium overbased sulphonate.

25. An agricultural spray oil as claimed in Claim 24, wherein the calcium overbased sulphonate is present in the oil in a range of 0.01-5.0 wt% total.

26. An agricultural spray oil as claimed in Claim 25, wherein the calcium overbased sulphonate is present in the oil in an amount of about 1.0 wt% total.

27. An agricultural spray oil having added thereto an oil soluble UV deactivator that is selected from the group consisting of:

- (a) a benzotriazole UV absorber;
- (b) a zinc diamyldithio carbamate; and
- (c) a benzoxazole, benztriazole or benzthiazole compound, but excluding the compound 2-mercaptobenzothiazole.

28. An agricultural spray oil as claimed in Claim 27, wherein in (a) the UV absorber

is:

- (i) TINUVIN 171; or
- (ii) iso-octyl-3-(3-(2H-benzotriazole-2-yl)-5-tert. butyl-4-hydroxyphenyl) propionate.

29. An agricultural spray oil as claimed in Claim 28, wherein compound (ii) is present in the range of 0.001-0.5 wt% total.

30. An agricultural spray oil as claimed in Claim 28, wherein compound (i) is present at about 0.005 wt% total; or compound (ii) is present at about 0.1 wt% total.

31. An agricultural spray oil as claimed in Claim 22, wherein the oil portion is a C₁₅ to C₃₅ light paraffinic petroleum-derived oil or a C₁₅ to C₃₅ light naphthenic petroleum-derived oil.

32. An agricultural spray oil as claimed in Claim 31, wherein the light paraffinic oil or light naphthenic oil is:

- (a) chemically neutralized;
- (b) clay treated;
- (c) solvent refined; or
- (d) hydro-treated.

33. An agricultural spray oil as claimed in Claim 22, further including an emulsifying surfactant.

34. An agricultural spray oil as claimed in Claim 33, wherein the surfactant is nonionic surfactant and is added at about 0.5 wt% to 20.0 wt% total of the oil.

35. An agricultural spray oil including an oil soluble basic compound selected from the group consisting of (a) a sulphonate; (b) a phenate; and (c) an alkyl-amine and a UV deactivator selected from the group consisting of (a) a benzotriazole UV absorber; (b) a zinc diamyldithio carbamate; and (c) a benzoxazole, benztriazole or benzthiazole compound, but excluding the compound 2-mercaptobenzothiazole.

36. An additive composition for an agricultural spray oil including a base selected from the group consisting of (a) a sulphonate; (b) a phenate; and (c) an alkyl-amine and a UV deactivator selected from the group consisting of (a) a benzotriazole UV absorber; (b) a zinc diamyldithio carbamate; and (c) a benzoxazole, benztriazole or benzthiazole compound, but excluding the compound 2-mercaptobenzothiazole.

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137. The additive composition of Claim 36, having an oil portion of a C₁₅-C₃₅ light paraffinic petroleum-derived oil or C₁₅ to C₃₅ light naphthenic-derived oil and an emulsifying surfactant.---

Respectfully submitted,

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Dated: September 25, 1997

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